Rubeolas 1825 O. S. Browne



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An Essay

Rubeola

for the Degree of

Doctor of Medicine

By

Orris A. Browne

the Comy Rubesla Doctor of Medicine Period Bourse

## An Essay de

The disease is placed by Forter bullon under the title Merhods, in the slope pyroces, and order examinate and is depined a contagious per few of the inflammatory kind, attended with songing watery eyes, and a dry creek; on the book day, or a little labor, small epite covered together search promisent break out, and are conserved after three day, into small perpensesses reals. The only consumitance which diseases

our attention in this separation is the sectoration of its being prisered by certagion.

It is not my intention to enter fully ents the simplion of this question and well merely remark that the highest authority is in favour



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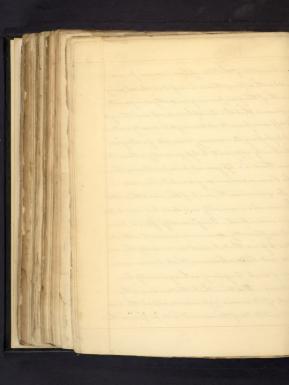
of its being propagated by a specific miasm, and a street discounty with an not to be shoken by speculation however represed. But whilst I saferfly my diport from the belief that when it does proceed it openes always the character of an epitemie, I agree per telligereth those who think that it does the recover from atmosphere seed distemperature.

I do not know that there is any thing heters, done in this opinion; on the contrary, I am frontly convince at it is in this accordance with the best to timony on the subject

It is epidemic at times probably from a general predisposition on the population of the affected district or eventry to receive its contagion, prohaps originate it from some peculiar unknown temperature or constitution of the atmosphere. There were however to be some other exciting cause than a



peculiar state of the atmosphere or season, for we in est with a few scattered cases of it in almost every month of the year proving widently an ingoverate origin and that the atmosphere is not auxilliary to its diffusion from its continuing to be merely scattered; yet possessing its ordinary principle of contagion, which only appears to be less generally active ber cause there is a less general predisposition in those who have never undergone it to be acted on In common with most of the exanthemata the measles is usually incident but once to the same individual - I say usually," for we have facts sufficiently neumorous and well authentes cated to prove that it is not universally the case I do not believe, however, that it is an occur rence of such frequency as has generally been supposed - Hors tree that Morton and others speak of its second appearance, and in the medreal institutes of Burserus, it will be found that



the meastis has not only neured a second, but

soon a third timer in the same endirina

on the report of there gentlement this incom

butancy to a ude on a mustow of this kind, must

is offerent to wary one who has a quainted

Sunder by the rack that this disease wascon , sounder by thems with other which it closely

resembles - boctor Milion than whom it would

be inwain to search for higher authority posito

that he has never, met with an instance.

The anomaly then is unquestionally life feer quent than in search fiver, and shows that the

in Haunes broduced by the rubolous action on

the habit is more rocked and effective.

It appears most usualtien the every though , no age is altogether exempl from it

Many persons are constitutionally feel from st.

lather of this disease, and with the exception of



such a very inconsiderable portion hap the heriod of childhood without being affected by it; and This offer to an explanation of its being observed so seldom in a dult life It musils most frequently in the winter and spring, commencing in the month of January and exasing soon after the summer solstice - It is also of brequent occurrence in the autumn and winter; and it is a fact worthy of recollection, that ail extremes of weather aug. ment its violence - In the fall it is rendered more vio int, by the existence of the bilions diathesis, which usually prevails at that sawn the measles is not confined exclusive by to the homen race Sike most other exection ics, it frequently shows it effects on many of the domestic animals This was remarkably the case in the year ighteen hundred and one

when in the short space of four, months it.



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percented almost every part of the limited that the period with repeat to the period was a second appear to be districted of support. It would be in oain to allempt an appearation of the fact to law of epidemies with which we are yet assumed will a frist us in the solution of the problem in interest with which we are yet assumed with a frist us in the solution of the problem in in mondage of the laws of epidemission will be equally infectual

from insulation in small position which resulted from insulation in small position was but nava able to consider that similar benefits would mult from ste miligating at fluence in the disease

buter Some was the prit to take this subject into serious consideration; he inthitited a not y experiments, by which he thenks he has whitish ed its utility. Mufortunately however, for that benevated intertorize the constructions arrived at by him, have not here confirmed by sub-



request experiments to any considerable extent We are lold that they have completely failed in England, and that a similar consequence attended their repetition in this country, parties wharly in one of the dis hunsaries of this bely These is perements are notive this handing relied on by authority of the highest respectability, and like the projessor of the materia Medica, I incline to the opinion that they have been raped over with an indeffennce which their importance does not merit Thould mortillous insulation our frace succeptul, qual benetet may be expected to result from practicing it in habits frudis frond to cirtain deseases; particularly scrophula. and pellmonary consumption. It were known that when a patient totours under a freeis position to any particular complaint; it is apt

to be called into operation, by an allack of the



measles. And as the complaint which is prodictioned to, is more apt to experience when the existing cause is willness it bottoms as an axiom, that any insumstance calculated to forther with operation, any degree of metigation, would be altered by consequences of a highly bompical, nature

In his forming his capearments between the metasuch considerable difficulty from the disease met forming on allin, and his not being able to collect a sufficient quantity of broken cutielle at the time of disquamation to however the disease. The acris some of the eye was also employed without his being all to produce the disease. The then draw blood from a longer or toqueous view, when the emploon was most confluent, which he aiming properties a function made by such some It was himselful to a main them



days and was corbined to the hard with considerable.

ho pure

For a considerable long the of home Materia, and assault per some considered as men various of the pame disease, and we are ortabled to Tydinham for the hist accorde description of it. It is spent that that it should not be confuncted with althous searlabine, or small poor, as the beatment bust suite ed to these cases, would be introly in applicable that

It receive under the three following parieties took Ruberla Verlagarit. I seeme Hesterda Since when the hate be shake of in the order in school they are placed.

The Mucheda outgains or common measths usually common us from len to beneficial days after these it difficult to distinguished from other forms of four. The hotelet to the birth day completions of atternate chiles and head on the second



though not rometimes, till the third day, the fever is completely formed, and certain symptoms once by which it may generally be distinguished from other lebrile complaints - The symptoms of the emptine fever. Therefore, may be divided into those which it has in common with other diseases and thorowhich characterize it · Hong with other symptoms common to flule complaints the potent generally complains of much Third, is often browbled with nause a, and romitions with vomiting- the tongue is commonly white and moist. In the more alarming cases, sub: suttees tin denum; sharms of the limbs, delivium, or what more brequently happens, com a suburine By some This last incumstance is negarded as one of its diagnostic symptoms . It should not be ourlooked in forming the diagnores of any impline liver, in all of which it is more apt to occur than in fivers properly so called



Herewoods is a general complaint with a dull and it has been observed that oblive an appear consucrety messed of their back and been also attended their period, the faces flowback the person for general and have deflower personal worth sight of process the more against and proceedings of the second general ge

the skin become holter and more parched if the patient has both to enaped delinion it frequently whe we street on the waring of this day, or increases if had supervened at an sarlier period. When there is no come the imquietide period without and the sleep! if there be any, distribed. The enquieties and distribed mind says thages is greater in measless the went the



smallpox

The matter rejected by a smithing is generally between a marken a search and come of which is also it very semant of appearance of the charles and frequently of the same kind; and which there for the smoot part of a ground closure the dear has dear most empt at the appearance of the mothers In other cases, however, the borness are cathered and around in the land are cathered and around in the land one to be and to went to be a property of frequently as in small but not so property or frequently as in small her these success, he some artes, of the forms time is

There are the agent toms or hick are commento meadles and other forms of pure On the second day of not earlier it is attended such a series of having in the head and open the cough minimum product the characters the other agent please. It is cheered by definance



that it sometimes because the bakent a pelsinght be fore the box common When the measurement of the year 1933 but a citizen a marker the cough often beneated to or own a right days. Bain in the three head and back semiclimes are emplained who take was the threat he comes inflamed about the brief the cough comes on which impedes diglitation, and measure the secretion of saliva. It send the breast, executioning a committee of saliva as a sense of oppositions and was energlightness about the breast, executioning a committee of alight and earlier the time committees falling over the charles the time committees of alling over the charles.

and a copious secretion oftenmens from it and occasions bequest energing. Homer hazy from the more often allends and has construed been to professe as to therefore danger

Epeleptie lits are not so apt to meide measles



as small fox, but are of frequent occurrence

The materies of the case is find by one a doubt sport the appearance of the most is that shows the street shows the street on the fourth but commitme on the third, fifth or sixth days of the street disorder. It is first observed on the forthead and when, and their own the risk of the face; and on the following morning it is visible on the neck and beach observing on the mark and beach of the solly over the extremities. Swing this day the effortunes is most vivid; but on the following the with! it begins to fatte took on the following the with!

But there in like manner begins to fade on the back of the hand which usually appear look from times an the right or was screet day of the fever do not always decline with the righth



On the minth day directionations only immain which vanish before the ind of the tinth Upon the appurance of the imphore the cutarrhat symptoms, and som the purance

cutarrhal symptoms, and som the pury an considerably augmented but the latter wouldy exacts when the emption declines

The dearbas if it has not already appeared more foresents theely, with consederable neight to the other significants. This however is the period when the catarch is recaisonally aggreented to to a cute inflormation of the long, which is more obtained to the northwest of the long, which is more obtained to the remotions subservers, and and on which he tere remotions subservers, and sultimately it you though a tribing of blood on continued consumption

Other inflammating affections are liable to seem at the close of the disease which from their and are also of a more unmogrageable character than the com-



mon forms of those diseaves

The diagnosis is by no means difficult the only devenue, with which there is any ranger of confounding it is searly five and as it is of considerable importance. That their distinguishing marks thought be subjected a few of the most hormand of them, will be detailed

In restation a the rough and opthatmin and slighter than in meas his, the mathew appears some usually on the thind day is not made a defined, and the entire to marke a commother majore and is of a much brighter have

in the receive of the every him measter there is a president howmen, accompanied was that there is the swelling and objfress than in the glass of the throat as affected in secretaina. There is an appearance of the rock point noticed by 3 William which with the view to comed



diagnosis should be particularly always to W pint shows itself in distinctioned, and meanly concular whole combined by them the ordinary among makes of the best or their manage

in number they coalesse forming small poteks of an irregular figure, but approaching record to similarly or or or or the thir the mation is of

considerable importance; for though interely our worked by order any observer, it is commonly very manufest and therefore a radicable du agnostic guide. There patches are intermed.

with the single would are dots, and withour trostices of the natural estour of the oblin

On the face they are slightly raind in ask give the unsation of inequality of inface to the finger hafred own the cutille. There is now a smooth witting of the whole face

at the highth of the mutition; and the trimi: faction of the eyes is no great as to close the



yes for a day or two as on smallhose. They are not so much elwated in other harb of the body The prognosis is unfavourable in proportion as the gastrie or ce thalic symptoms are more violent and otohnate . "were knowmonic affection is a bad symptom, is he is ally it allended by an oppressed ordination. The disabhearance or palorels of the imption, with vomiting, wrings or tinderness of i abdominal region, dearrhea, or all of these my motorus combined are highly un favourable The habits of body in which the measles is more apt to from linigor or otherwise, are far from'. bring will ascertained; alongst all we know on this subject is that it is harticularly unfa: asurable in pathonic, and shee more so in scrophulous habits - The measles appears to be less aangerous in pregnant women than " the amale hose Doctor Heberden says he never there any harm done by it in forgrances



The appearances on a freehow are an emphois as the transcent the transcent the transcent the for the transcent the for the first air serving the emphones which may account for the insurance of long to affect a pleasure. The merintime glands are found in derathand

tumours of ranions sign in the lungs some of

Such abduarance however are not comments with the meanity but with the commence with which it is commenced

"From the longs being or much surface in this is case; it, might be such on that it is minimales and the on them the an ample mason bounces for supposing it to be otherwise, and it is not improbable that they aire ease is made at it not improbable that they aire ease is made at it is not improbable that they are most involving the atomach; and that the affections of the lung on sooface are uplomately

<sup>\* 56</sup> hupmans Mr. S. Lectures.



There is no complaint the hearment of which is brished lable to be without to far or whelly registered until I not in present to interpret Jone children is made without the all of medicing and enfinite may be could for more and enfinite may be could for more and enfinite may be

It is desirable that advice should not be delayed in source, and that it will be carrievely given in slight examples of this disease as likely time may be fasted in the former, and too much of insurant hours of dangerous in the lattern M. are in proportion hours of dangerous in the lattern M. are in proportion hours of the instruments of the times as a cary task to make an measure just fitted for the more of the wagen symptoms without exhauting the never exist the system; and having once adopted oper- what we say the system; and having once adopted oper- what we are after the sacrifice a great stall to maintain hims so that we sometime clary to fall a circ for the sake of appearing to health with the same and preading to fall a circ for the sake of appearing



consistent. This same species of fiver it cannot be too often repeated, may have varieties so different, as to require different modes of brotomat; and our means should be changed, according to the nations of those varieties, that they may generally speaking, be safe. in each and efficacious in all When called to a potient who is wally in want of medical affistance, the leading object should in to wacuate the alimentary can at completely For This surpose it is best to commence with the exhibition of an emetic, the benefits of which agond ristricted to the wacution which it produces . In The first place it gives an universal shock to the system, well calculated to for Auce a complete change of condition; in the next place, it occasions a considera. ble prefiere over the abdominal veseera, and may thus remove ingorgements there, particularly about The spleen and liver; and in the last place it powerfully determines the blood to the surface of the



body, an effect highly disinable in most internal congestions - When there is much determenation to The head, the unitie practice appears somewhat quistionable In such cases however romiting is frequently present, and then I cannot percuse any disa duantage likely to occur from promoting its operation. This may in general be effected by the blandest delevents; but in many cases, and particularly when there is much determination to the lungs very striking relief will follow the use of an antimoxical smalle. Where the domach is much loaded, there cannot be the least empropori . ety in their imployment as any stage of the disease The imitee should be succeeded by cotharties repeated sufficiently often to prower three or pour waveations in the course of way twenty four hours contal the constition appear after that has laken place, we must be more spaning of their use, although to a certain extent. They will Then



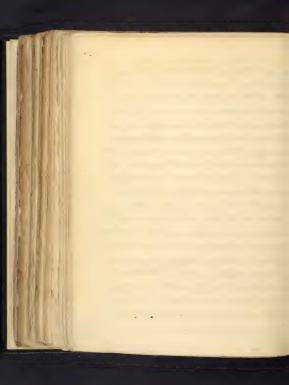
be highly executed. Indeed awing the whole course of the discuss, it is of the first indeed once to keep the bornes of our boy for cases surrecurrent which it becomes marginary to employ make pungations to a great majority they would be producted by have the morning the dulph itse of Sidaw magnesia answers much the dulph itse of Sidaw magnesia answers much about you've. Bakmel may be resorted to when the exchinent is great

Howary by these me and executed the alimentary canal, the mad from the production of the employed are the production of the comptions. In this perform the production of the comptions. In this perform the production are defended, and delicate arms are the most appropriate articles

The supportation of blood tilling has med with the approbation of almost all practitioners. By owne it is employed at the highly of the employed, by ame of the close of it, and my others at any private of the disease when the symptoms



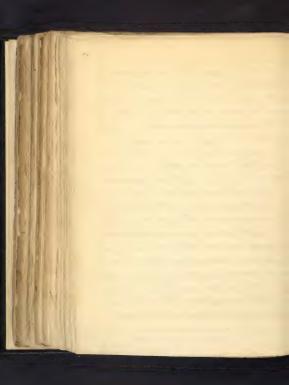
are very distriforing - Doctor Steberden placed great reliance on it He considered all other remedies as usalef, with the exception of such, as the occasion. al symptoms would require in any other fiver. according to DWillaw a mere opportsion of respiration with labound pulse on the first gas second day of the inchiow does not demand the employment of the lancel He says it is com mon to other implie fever, and usually disap. pears in the course of twenty four hours, and may be lift to the natural termination win in adults. On the other hand when it is attended by a hard cough, and pains in the chest, with a difficulty of breathing after the imptrow has disappeared, bliding and capping, may be repeatedly necessary, aided by listers and demulcents with anodynes - The quantity of blood to be drawn must be regulated intirely by the judgment and experience of the machtoning



Perceiving the benefit derived from the apple cation of cold in small pox and searlatina it has been recommended with equal freedoms in the measles; and the fractice is still definded by some, particularly the followers of Brown Ty our ham, although opposed to Keeping the patient towarm in measles, says nothing of the application of cold; and Morton his cotion: porary adopted the same practice, in which My are followed by the list practitioners There is no doubt Jays Doctor Cullen That ister mal heat may be very hurtful in the measlis, and most other inflammatory diseases, and there fore the body ought to be Kept in a moderate temperature during the whole course of the measles; but how far at any pinos of the disease; cold air may be applied with rafity we are yet uncertain - Inalogy, though is often the resource of physicians, is in general fallacrous; and buther



though the analogy with the small pose might lead to the application of air during the imptwo fever of measles, the analogy with cotants surns to be against the practice. After the out tion has appeared on the skin, we had many instan = ees of cold air making it disaphear, and thinly imoducing much disorder in the system; and have also has frequent wamples of such disorder being removed by restoring the heat of the bo: dy and thinly bringing forth the suchtion? To which & Caldwell subjoins the following very judicious remarks. The temperature of the chamber in the heatment of measles, should be howevery the same as in that of porforming moderate not in either extreme of the less a ten: puruture a little too high is life aft to proce injurious - than one too low Home as in the treatment of most other febrile affections the punctum jus curidum of temperature should be carefully



present to hative degree of head oned produce es on the systems on unflead and impropried as one irritant will manage pour and ought througher to be airied

Me Magrath of Flymouth has trialed a great number of patients in the bookstal of the mile prison by which the hear the was the in the war.

the afferme, that he has more entrufied any of the interest circumstance which are unasty to be apprehended from cold, such as the interestion of the interests increase of the catarrhan and that the influence of the contrary he is present and that the influence of apprehens of the chelwhich are apt to superview on the section of the early excitements by the suppreparation of the early excitements by the suppreparation.

The propriety of such practice appears quite



place the but it is no directly in opposition to the experience and advice of the prolession in would be hogodown I think to attempt an instation of it

It is not uncommon for everalisions to aper him during the continue from In such cases of condition be mosent the boule must be unevasted by enemate and catherties; and if the patient consumation it will be of surviced give an ometic. Transistion may be also bracked and the worm bath should not be negligible. It all any the word bath should not be negligible. The usual sometimes employed into the cases may we had necourse to.

When the not of the patient is dictively I will not be improper to imply opeater, and it will be advantageous to combine themswith some drap fronties, thereby from young steep, and at the some time determining to the respace. I have



deliverent also will be found of revoice, and should not be overlooked

If inputorants are judged to a mentous those most commonly in use may be employed

The present symptome which submined de not differ from ordinary preservation and must be treated accordingly

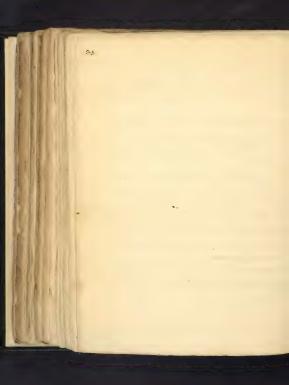
The dear has which beginning occurs at the close of measter is found to alweight the power monicognitions, and to prevent some of the brushown segula almost not have their washing about a domine string when it does not take hines on the troops advantageous mode of allaying and presenting inflammating symptoms of the would do arrhad should be protectly bowers. The hotend well require the response of light but nutritions died and cordialis. Then I is found mentions



to put a the to the discharge in addition to the remains in ordinary we much benight may be experted from small ond fraguent abstractions of blood

how I applied in the state of sorthered in a secular many appeties arise the treatment is invisely the same as if it prouds from any other cause

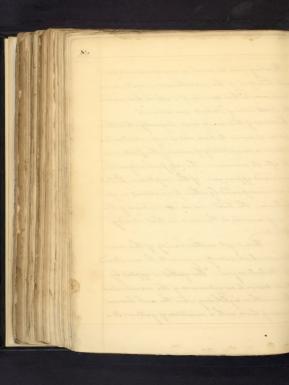
It ought to be particularly borne in mind that throughout the tradment of meals a strict antiphologistic regions is to be strong of the place of what we private blow has changed to top place at what we private blow my treatment becomes needs one. En accations and even refrigerouts are then hartfel . Wone back, opiales, and as now willing a diet as the obornach conversion; are then the remains to be defended on



Howing said as much as my bouts will permit on integer of the measter as it would new Some now to that reviety of it which has never the application of Habeole sine botames.

Instruces of this ranch own programly when there exist on epidemic Mulesla, and is only important as it leaves a surephility of receiving the phile mean sole after it, neurone — The only pendianty in the course and appearance of the emptooner that it is not accompanied by when few, catand or oper that mia. The tradement in some cases of the form of measle, is the same as that already, the delails.

There is yet another variety of this complaint which movely requires to be mentioned. The Habolo rigora - "This spithet is applied by Extendition to an appearance of the mearle about the seconth, or eighth day when the rach becomes audding lived with a meature of yellow. It is



seed to be devoid of danger or were incommenting and is more in a week on time days by the minual actions

Philadelphia 22 February 1825

